



Water Resources Program Application for a Reservoir Permit

For Ecology Use
(Date Stamp)

**A\$50 non-refundable minimum statutory
filing fee is required to be sent with this
application to:**

DEPARTMENT OF ECOLOGY
CASHIERING SECTION
PO BOX 47611
OLYMPIA, WA 98504-7611

FOR OFFICIAL USE ONLY

APPLICATION NO.: _____

WRIA: _____

COUNTY: _____

PRIORITY DATE: _____

TIME: _____

ACCEPTED: _____

1. Applicant Information

Applicant Name: City of Snohomish, Attn: Ann Stanton

Phone No: 360-
282-3195

Other No:

Address: 116 Union Avenue

City: Snohomish

State: WA

Zip: 98290

Email Address (optional): stanton@ci.snohomish.wa.us

Date and Place of Incorporation, if Applicant is a Corporation:

2. Sources, Use, and Capacity of Reservoir

Name of Proposed Reservoir: Blackmans Lake (an existing natural lake)

Name of Stream or Other Sources for Reservoir Supply: unnamed
lake tributary drainages

Tributary of: Lake flows through Swifty
Creek to the Snohomish River

Use(s) to be Made of Impounded Water (irrigation, power, fish propagation, etc.): No change (recreation); purpose of weir and related channel work is lakeside winter flood reduction and improved summer water quality.

Number of Acre Feet to be Stored at Maximum Operating
Level: 149

Months of Year During Which Reservoir to be
Filled: Blackmans Lake is a year-round water
body. Swifty Creek, where weir is proposed, dries
up in late summer.

Number of Acres to be Irrigated, if Used for Irrigation: N/A

Type and Capacity of Diversion Works is Water is to be Withdrawn: N/A

3. Location of Point of Diversion or Withdrawal:

On accompanying plats or maps, accurately mark and identify each point of diversion. Give measured distance and bearing, or North-South and East-West distances from nearest section corner.

Complete Either A or B	A	The Reservoir is to be Located in the Channel of (name of stream): Weir is to be located in Swifty Creek channel (outlet of Blackmans Lake). No water is proposed to be diverted or withdrawn.			
	B	The Reservoir is to be Filled Through a Feeder Canal (or pipeline) Having it's Point of Diversion (intake) Located as Follows:			
Distance and Bearing to Section Corner: +/- 2282 feet N 36 degrees W to NW Corner Section 7					
Located Within (smallest legal subdivision): SW 1/4 of NW 1/4 Section 7 T28N R7E	Section: 7	Township N.: T28N R7E	Range of W.M.: <input checked="" type="checkbox"/> E or <input type="checkbox"/> W	County: Snohomish	

4. If This is Within the Limits of a Recorded Platted Property, Complete This Section

Lot:	Block:	Of (give name of plat or addition):
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5. Location of Impounding Structure:

Impounding Structure Located Within (smallest legal subdivision): SW 1/4 of NW 1/4 Section 7 T28N R7E	Section: 7	Township N.: 28	Range of W.M.: <input checked="" type="checkbox"/> E or <input type="checkbox"/> W
Legal Subdivision of Lands in Which the Submerged Area is to be Located (the outline of this land is to be shown on the map to accompany this application): Existing lakeside properties, public and private, will not experience water surface variations greater or less than previously experienced. The extreme fluctuations will be better modulated (reduced) with the proposed weir outlet. This project is designed to reduce extent of inundation currently experienced.			
Do You Own This Property: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If No, Have You Secured Flood Rights For he Lands to be Inundated: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

6. Construction of Impounding Structure

Height of Dam (feet): 1.76	Length of Top (feet): 24	Length of Bottom (feet): 12	Width on Top (feet): 0.33
Slope of Front or Water Side (number of feet horizontal to one foot vertical): 0		Slope of Back Side (number of feet horizontal to one foot vertical): 0	
Height of Dam Above Water Line at Maximum Flood Flow (feet): 0.6			
Type of Construction of Dam and Material of Which it is to be Built: Steel vertical posts with horizontal cedar or fiberglass planks.			
Location and Dimensions of Spillways: <input checked="" type="checkbox"/> Over, <input type="checkbox"/> Around, or <input type="checkbox"/> Through Dam			
Number of Acres to be Submerged by Reservoir When Full:	Maximum Depth (feet): 2.5' at weir: 2.5. Lake is approx. 30' deep. 61 acres submerged		Approximate Average Depth (feet): 1.8 at impoundment structure.

	when full. Lake currently submerges 61 acres.	
Estimated Cost of Proposed Work: \$60,000 (weir portion)		
Construction Will Begin on or Before This Date: 7/2014	Construction Will be Completed on or Before This Date: 11/2014	
Size and Type of Outlet Structure: Primary outlet is 8-foot wide weir.		

7. Legal Description of Property on Which Water is to be Used (if different than above): Also, outline this property on the maps or plats submitted with this application	
Copy legal description from deed or attach copy of deed (tax statement descriptions are not acceptable.):	
Do You Own This Property? <input type="checkbox"/> YES <input type="checkbox"/> NO	If No, Give Name and Address of Owner:

I, _____, and _____ do certify that I/we have (print name) (print name)
I have examined the foregoing application together with the accompanying maps and data, and return the same for correction or completion as follows:
In order to retain its priority, this application must be returned to the Department of Ecology, with corrections, on or before: ____ / ____ / ____


Applicant Signature

Applicant Signature

9/12/2013
Date

State of: Washington

County of: Snohomish

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Signed and sworn to (or affirmed) before me on this 12th day of September, 2013.



Torchie Corey
(Notary Signature)

Torchie Corey
(Notary Printed Name)

Appt. expires May 9, 2014



No signature
page yet
*DO NOT
Accept*



RECEIVED

SEP 16 2013

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
APPLICATION FOR PERMIT
TO CONSTRUCT A RESERVOIR AND TO STORE FOR BENEFICIAL USE
WATERS OF THE STATE OF WASHINGTON

Rec'd \$50-
9-16-13
CK # 52824
(mc)

\$50.00 NON-REFUNDABLE MINIMUM STATUTORY FILING FEE REQUIRED WITH APPLICATION
(GRAY BOXES FOR OFFICE USE ONLY)

APPLICATION NUMBER	W.R.I.A.	COUNTY	PRIORITY DATE	TIME	ACCEPTED
A1-28758	7	Snohomish	9/18/13		
APPLICANT'S NAME City of Snohomish, Attn: Ann Stanton			TELEPHONE NUMBER 360-282-3195		
DATE AND PLACE OF INCORPORATION, IF APPLICANT IS A CORPORATION					
ADDRESS (STREET) 116 Union Avenue			(CITY) Snohomish	(STATE) WA	(ZIP CODE) 98290
1. SOURCE, USE, AND CAPACITY OF RESERVOIR					
NAME OF PROPOSED RESERVOIR Blackmans Lake is existing natural lake.					
NAME OF STREAM OR OTHER SOURCE FOR RESERVOIR SUPPLY Unnamed lake tributary drainages			TRIBUTARY OF (headwater of Swifty Creek which is tributary of the Snohomish River)		
USE(S) TO BE MADE OF IMPOUNDED WATER (IRRIGATION, POWER, FISH PROPOGATION, ETC.) Recreational fishing, lakeside flood reduction					
NUMBER OF ACRE FEET TO BE STORED AT MAXIMUM OPERATING LEVEL 149			MONTHS OF YEAR DURING WHICH RESERVOIR IS TO BE FILLED 9		
NUMBER OF ACRES TO BE IRRIGATED, IF USED FOR IRRIGATION N/A					
TYPE AND CAPACITY OF DIVERSION WORKS IF WATER IS TO BE WITHDRAWN N/A					
2. LOCATION OF POINT OF DIVERSION OR WITHDRAWAL					
ON ACCOMPANYING PLATS OR MAPS, ACCURATELY MARK AND IDENTIFY EACH POINT OF DIVERSION. GIVE MEASURED DISTANCE AND BEARING, OR NORTH-SOUTH AND EAST-WEST DISTANCES FROM NEAREST SECTION CORNER.					
COMPLETE EITHER A OR B	A	THE RESERVOIR IS TO BE LOCATED IN THE CHANNEL OF (NAME OF STREAM) Swifty Creek (outlet of Blackmans Lake)			
	B	THE RESERVOIR IS TO BE FILLED THROUGH A FEEDER CANAL (OR PIPELINE) HAVING ITS POINT OF DIVERSION (INTAKE) LOCATED AS FOLLOWS NA			
DISTANCE AND BEARING TO SECTION CORNER +/- 2282 feet N 36 degrees W to NW corner Section 7					
LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) SW 1/4 of NW 1/4		SECTION 7	TOWNSHIP N. 28N	RANGE (E. OR W.) W.M. 6E, WM	COUNTY Snohomish
3. IF THIS IS WITHIN THE LIMITS OF A RECORDED PLATTED PROPERTY, COMPLETE THIS SECTION					
LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)			
4. LOCATION OF IMPOUNDING STRUCTURE					
IMPOUNDING STRUCTURE LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) SW 1/4 of NW 1/4		SECTION 7	TOWNSHIP N. 28	RANGE (E. OR W.) W.M. 6E	
LEGAL SUBDIVISION OF LANDS IN WHICH THE SUBMERGED AREA IS TO BE LOCATED (THE OUTLINE OF THIS LAND IS TO BE SHOWN ON THE MAP TO ACCOMPANY THIS APPLICATION)					
Existing lakeside properties, public and private, will not experience water surface variations greater or less than previously experienced. The extreme fluctuations will be better modulated (reduced) with the proposed weir outlet. This project is designed to reduce extent of inundation currently experienced.					
DO YOU OWN THIS PROPERTY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		IF NO, HAVE YOU SECURED FLOOD RIGHTS FOR LANDS TO BE INUNDATED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
5. CONSTRUCTION OF IMPOUNDING STRUCTURE					
HEIGHT OF DAM (FEET) 1.76	LENGTH OF TOP (FEET) 24	LENGTH OF BOTTOM (FEET) 12	WIDTH ON TOP (FEET) 0.33		

CONTINUED ON NEXT PAGE

SLOPE OF FRONT OR WATER SIDE (NUMBER OF FEET HORIZONTAL TO ONE FOOT VERTICAL) 0		SLOPE OF BACK SIDE (NUMBER OF FEET HORIZONTAL TO ONE FOOT VERTICAL) 0	
HEIGHT OF DAM ABOVE WATER LINE AT MAXIMUM FLOOD FLOW (FEET) 0.6			
TYPE OF CONSTRUCTION OF DAM AND MATERIAL OF WHICH IT IS TO BE BUILT Steel vertical posts with horizontal cedar or fiberglass planks.			
LOCATION AND DIMENSIONS OF SPILLWAYS (STATE WHETHER OVER, AROUND, OR THROUGH DAM) Spillway (8 feet wide) located in the center of the weir.			
NUMBER OF ACRES TO BE SUBMERGED BY RESERVOIR WHEN FULL 61 Note: Blackmans Lake currently submerges 61 acres.		MAXIMUM DEPTH (FEET) Depth at impoundment structure: 2.5. Note: Blackmans Lake is approximately 30 feet deep.	APPROXIMATE AVERAGE DEPTH (FEET) 1.8 at impoundment structure.
ESTIMATED COST OF PROPOSED WORK \$60,000 (weir portion)			
CONSTRUCTION WILL BEGIN ON OR BEFORE (DATE) 7/2014		CONSTRUCTION WILL BE COMPLETED ON OR BEFORE (DATE) 11/2014	
SIZE AND TYPE OF OUTLET STRUCTURE Primary outlet is 8-foot wide weir.			
6. LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED (IF DIFFERENT THAN ABOVE)			
COPY LEGAL DESCRIPTION FROM DEED: OR ATTACH COPY OF DEED. TAX STATEMENT DESCRIPTIONS ARE NOT ACCEPTABLE. ALSO OUTLINE THIS PROPERTY ON THE MAPS OR PLATS SUBMITTED WITH THIS APPLICATION.			
N/A			
DO YOU OWN THIS PROPERTY <input type="checkbox"/> YES <input type="checkbox"/> NO			
IF NO, GIVE NAME AND ADDRESS OF OWNER			

SIGNATURE OF APPLICANT

STATE OF WASHINGTON }
DEPARTMENT OF ECOLOGY } ss.

This is to certify that I have examined the foregoing application together with the accompanying maps and data, and return the same for correction or completion as follows:.....
.....
.....

In order to retain its priority, this application must be returned to the Department of Ecology, with corrections, on or before , 20.....

Witness my hand this *day of* , 20.....

Department of Ecology

